

FIG. 1

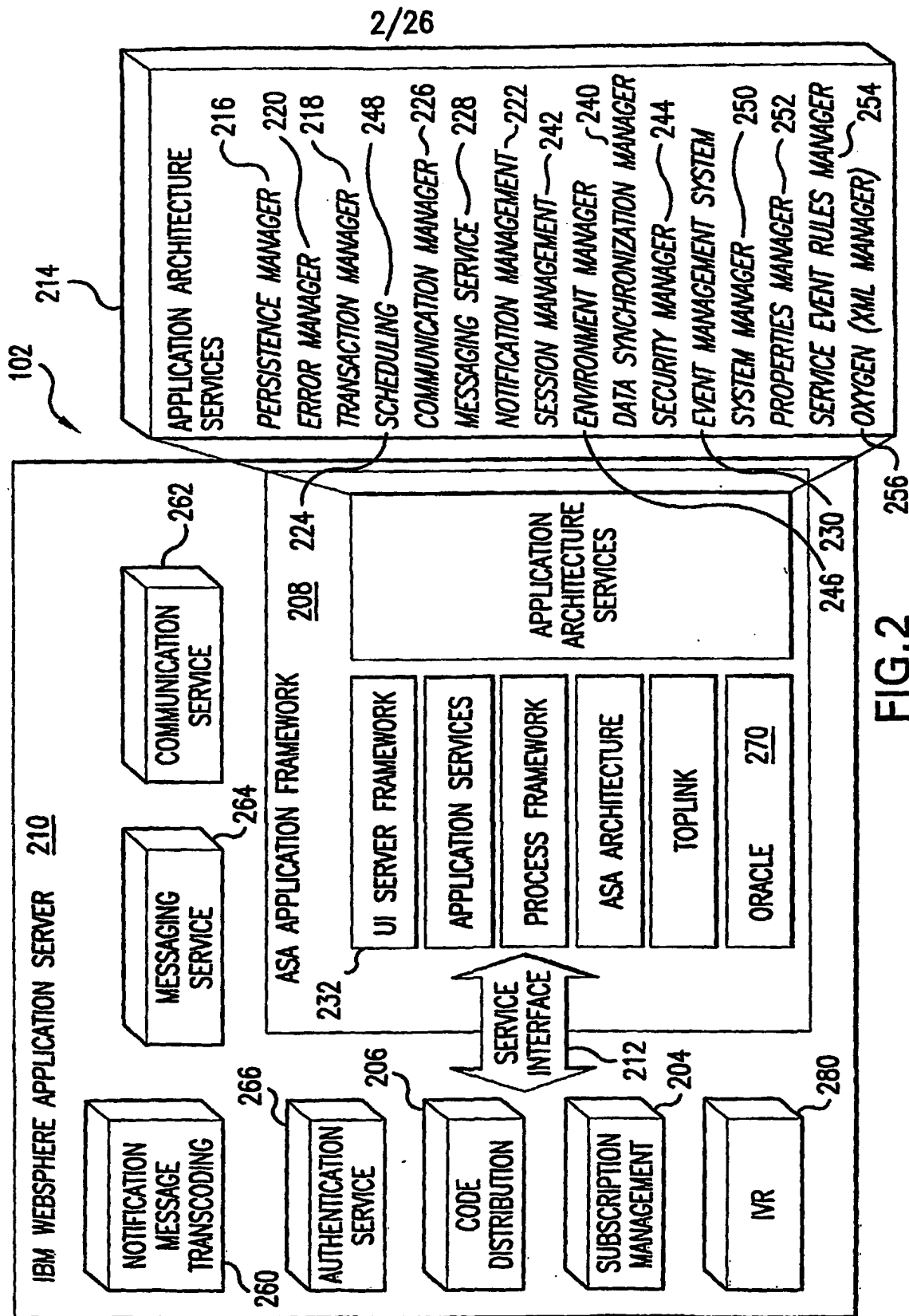


FIG.2

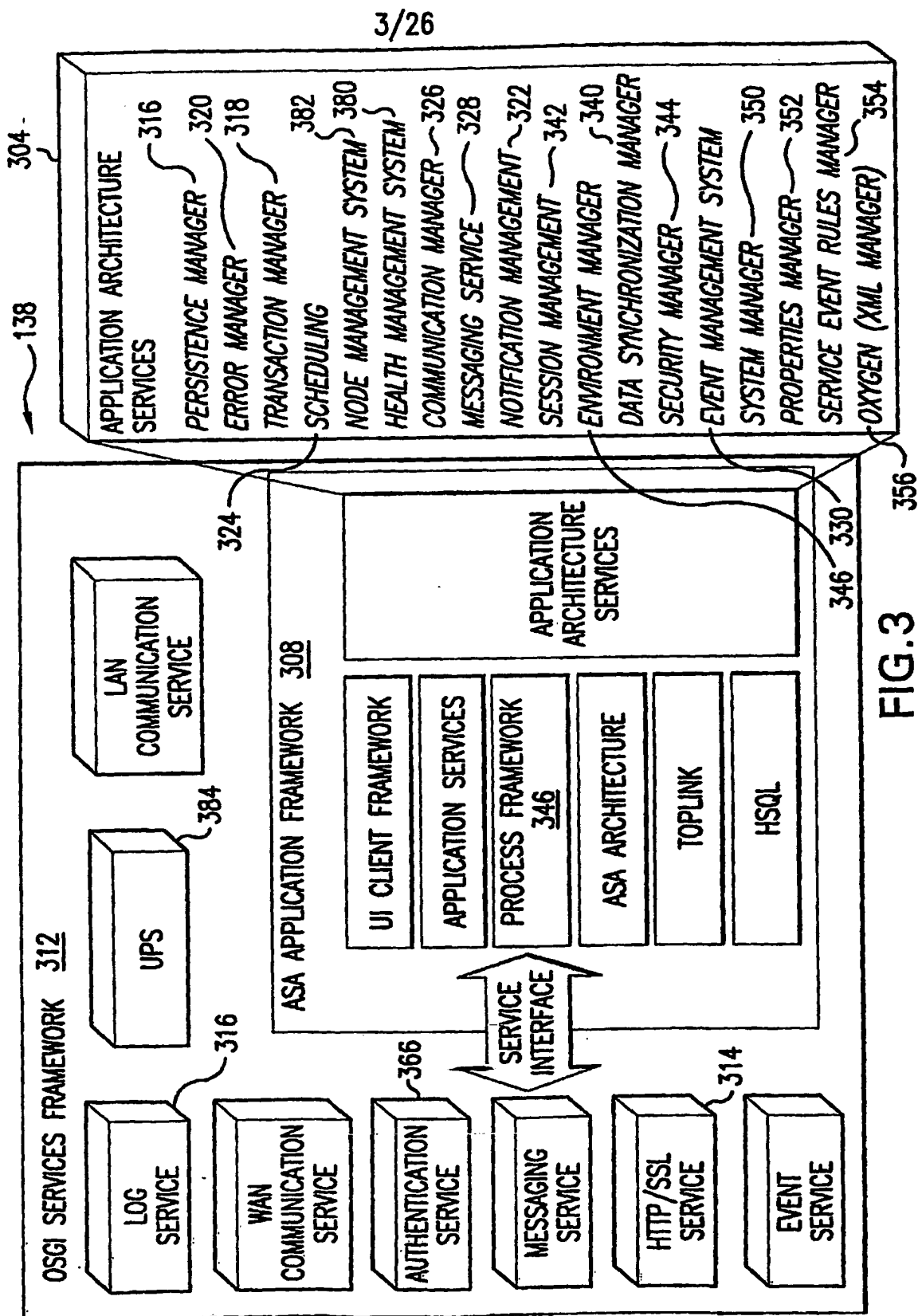


FIG.3

4/26

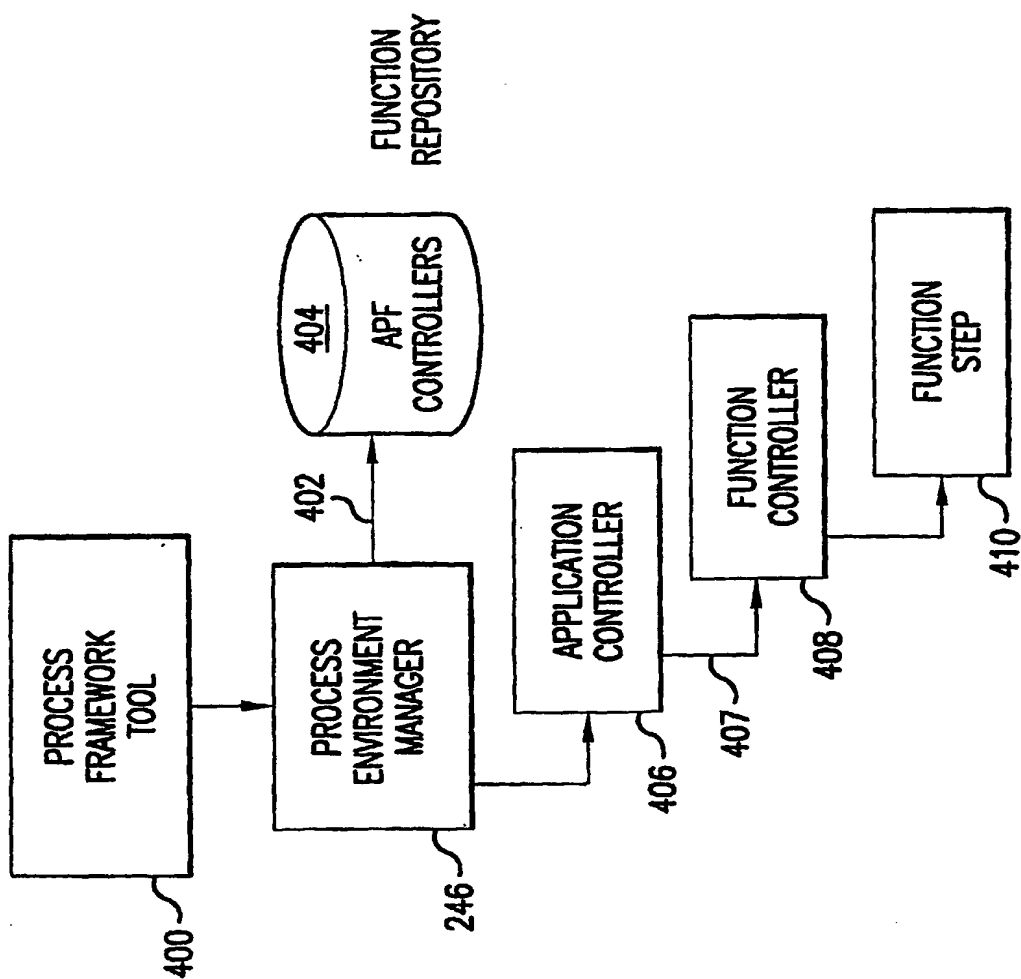


FIG. 4

5/26

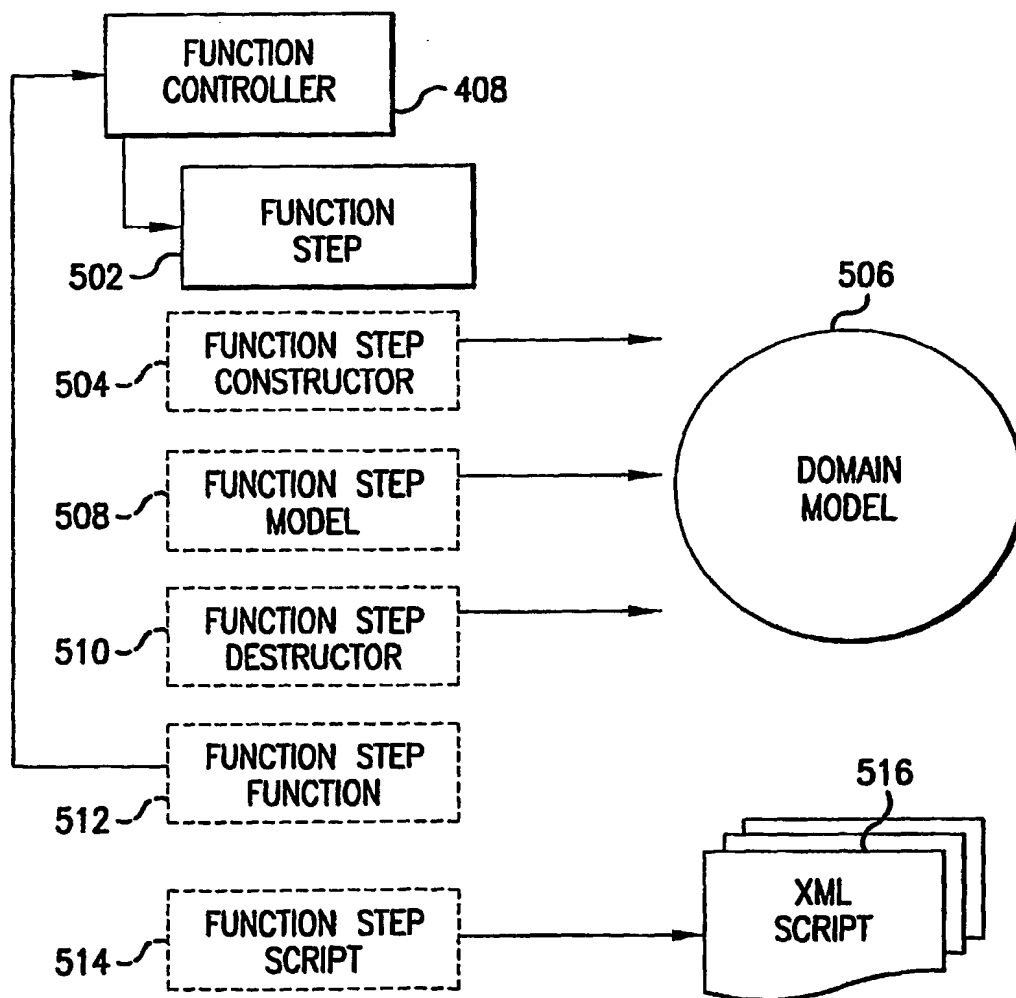


FIG. 5

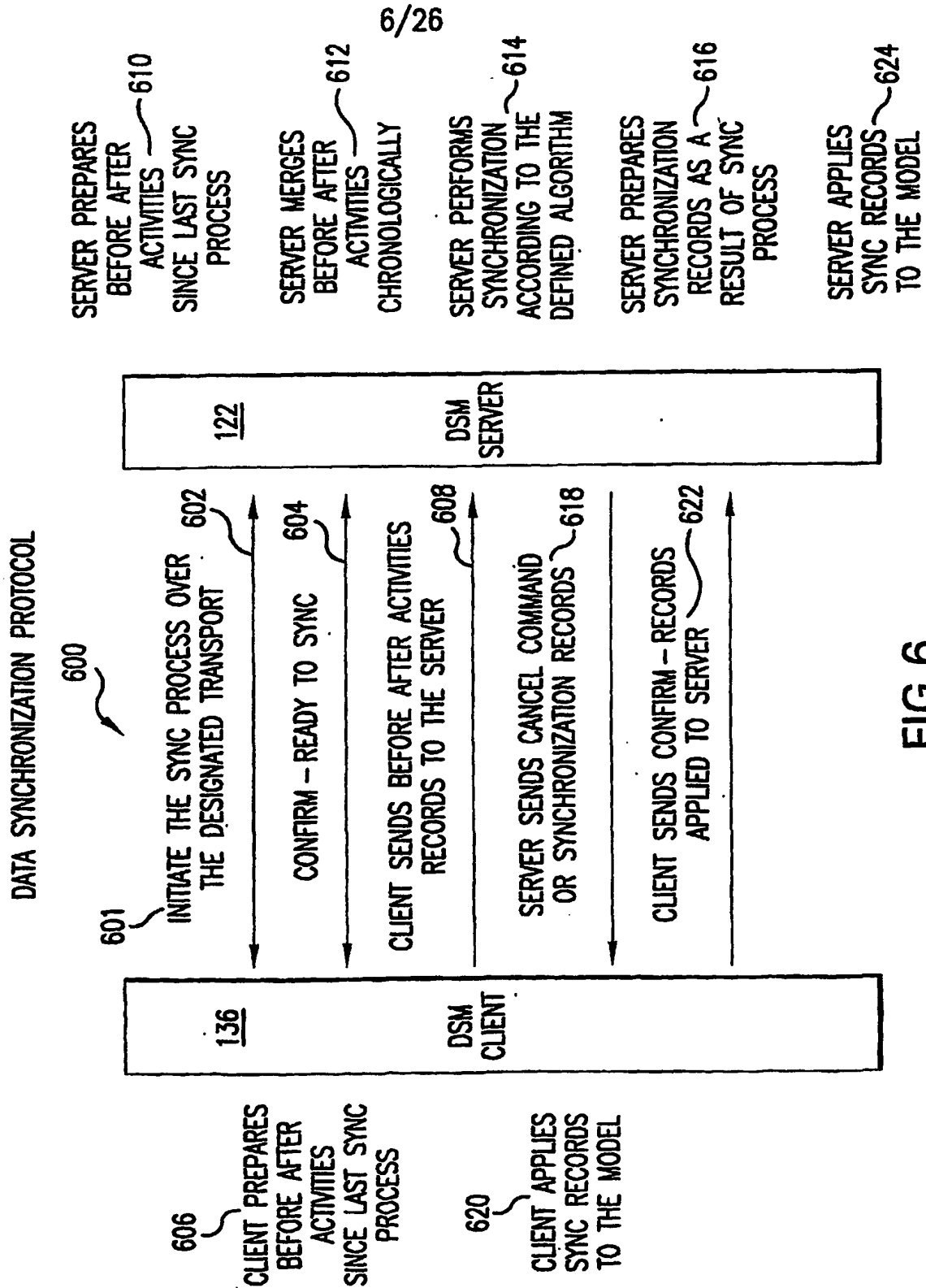
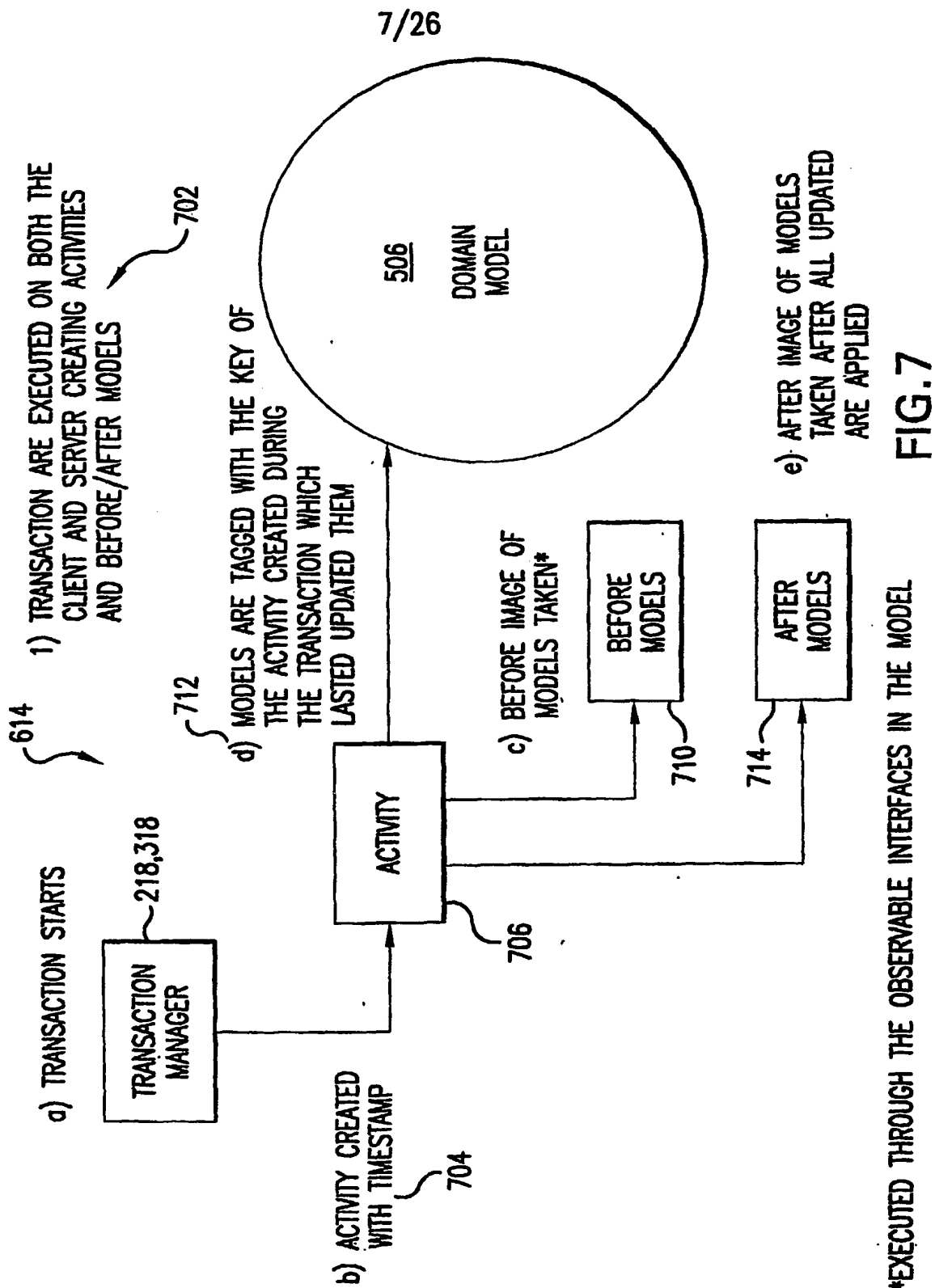


FIG.6



8/26

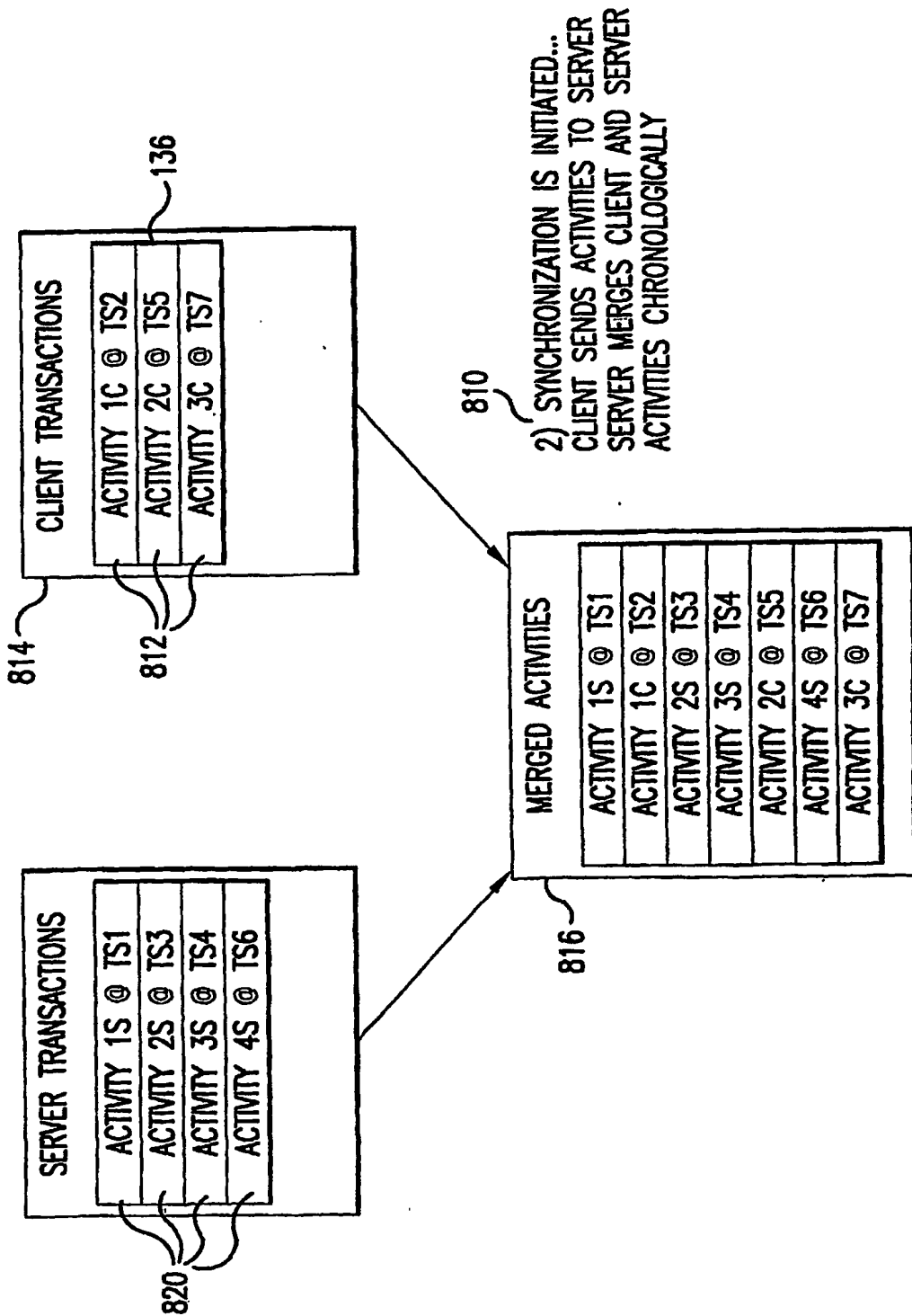


FIG.8

*TS = TIMESTAMP

REV2 - DATA SYNCHRONIZATION ALGORITHM - CONT.

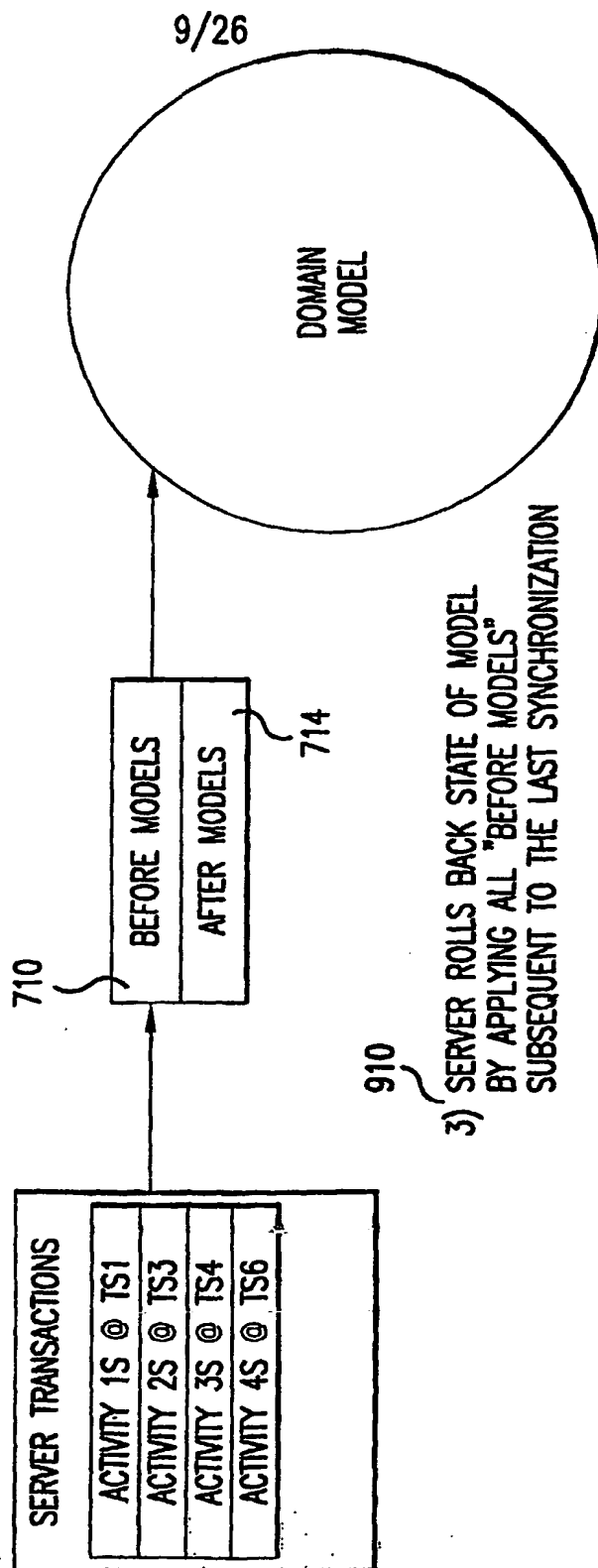
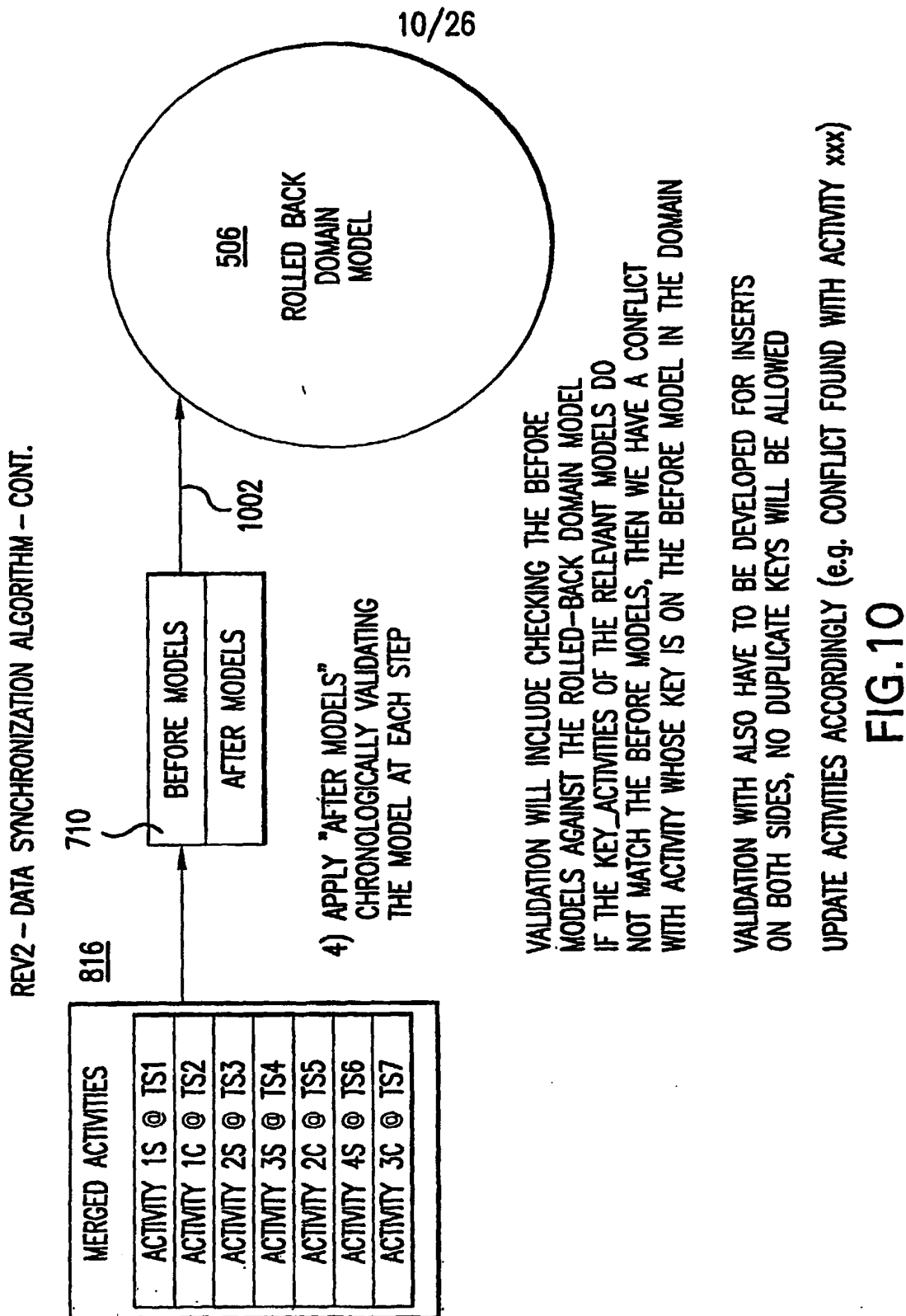
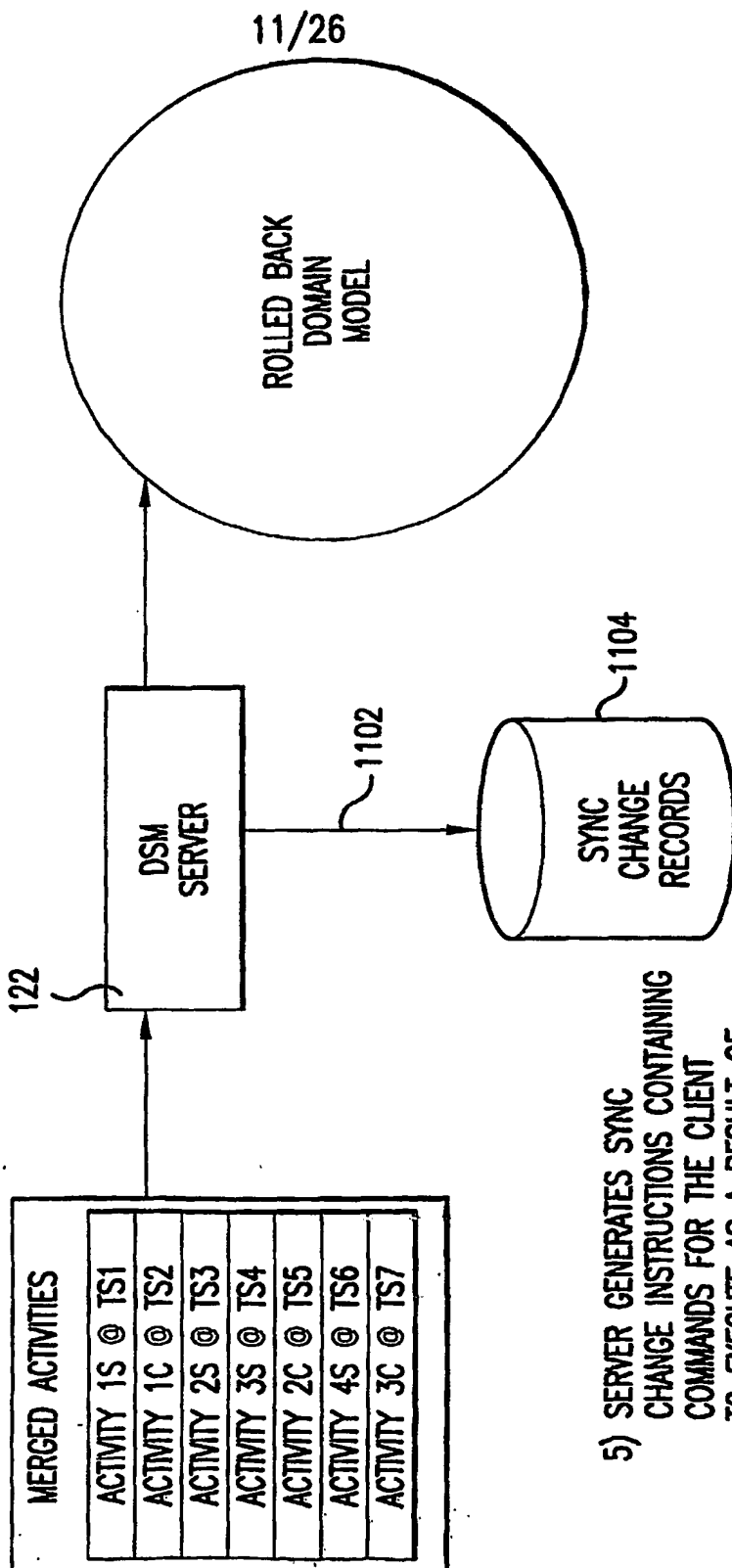


FIG.9



REV2 - DATA SYNCHRONIZATION ALGORITHM - CONT.



5) SERVER GENERATES SYNC
CHANGE INSTRUCTIONS CONTAINING
COMMANDS FOR THE CLIENT
TO EXECUTE AS A RESULT OF
THE SYNCHRONIZATION PROCESS

FIG.11

REV2 - DATA SYNCHRONIZATION ALGORITHM - CONT.

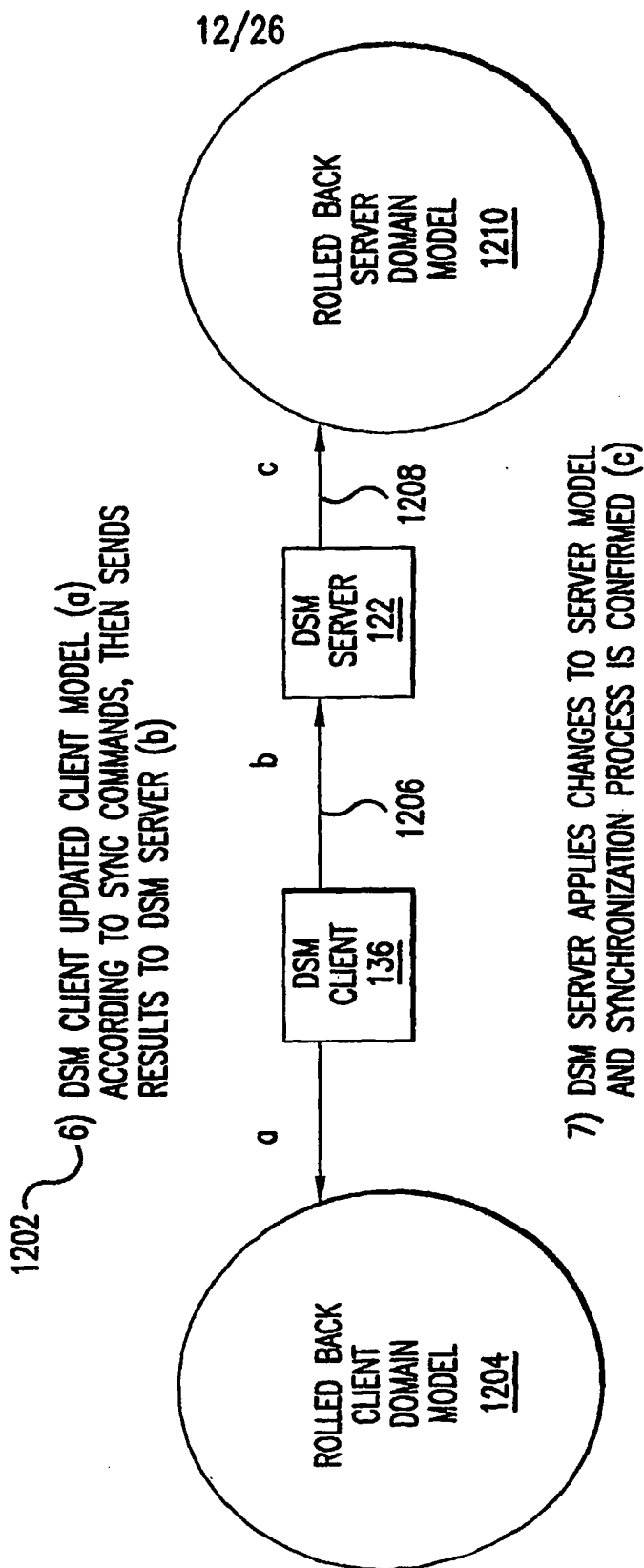


FIG.12

13/26

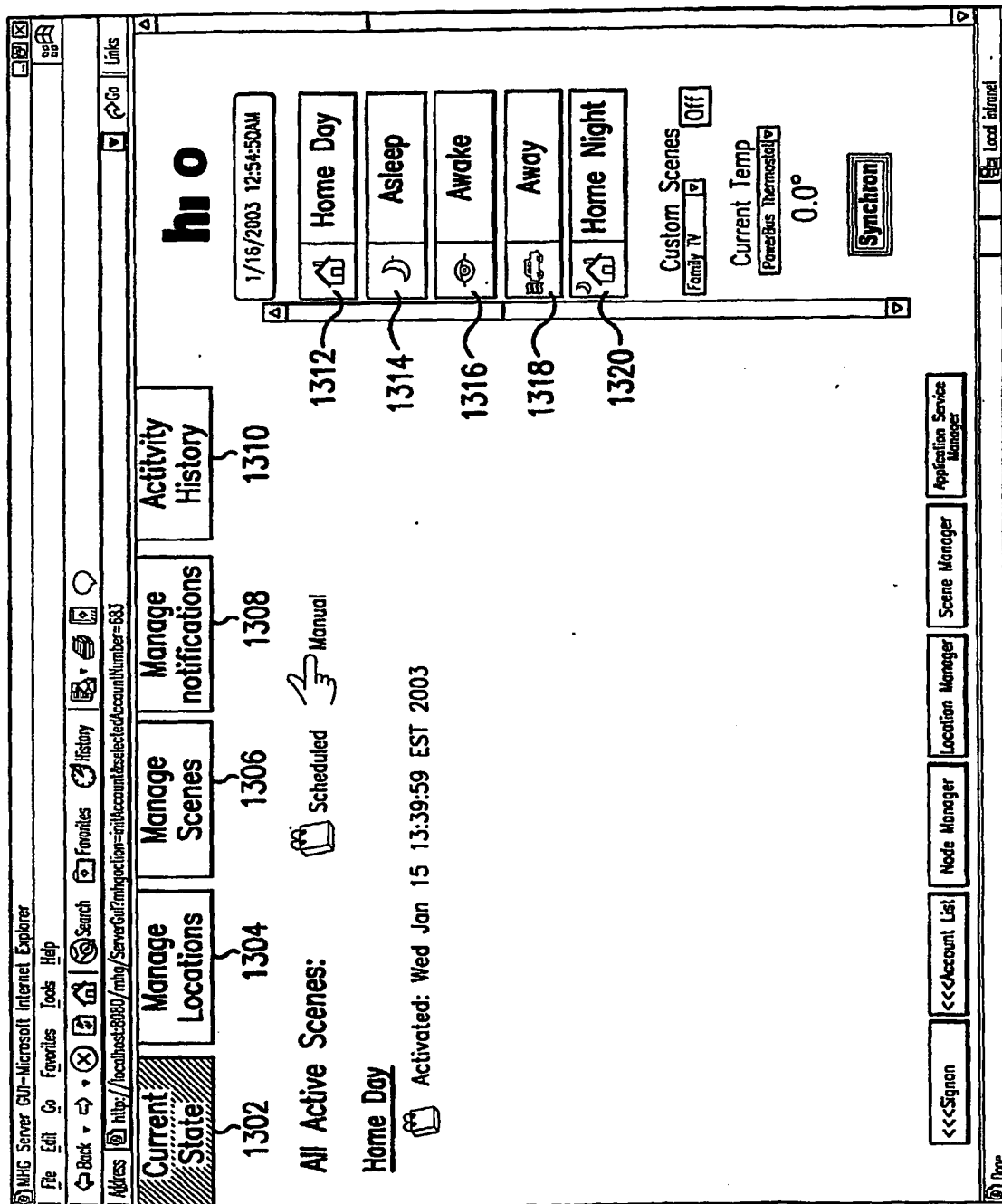


FIG.13

15/26

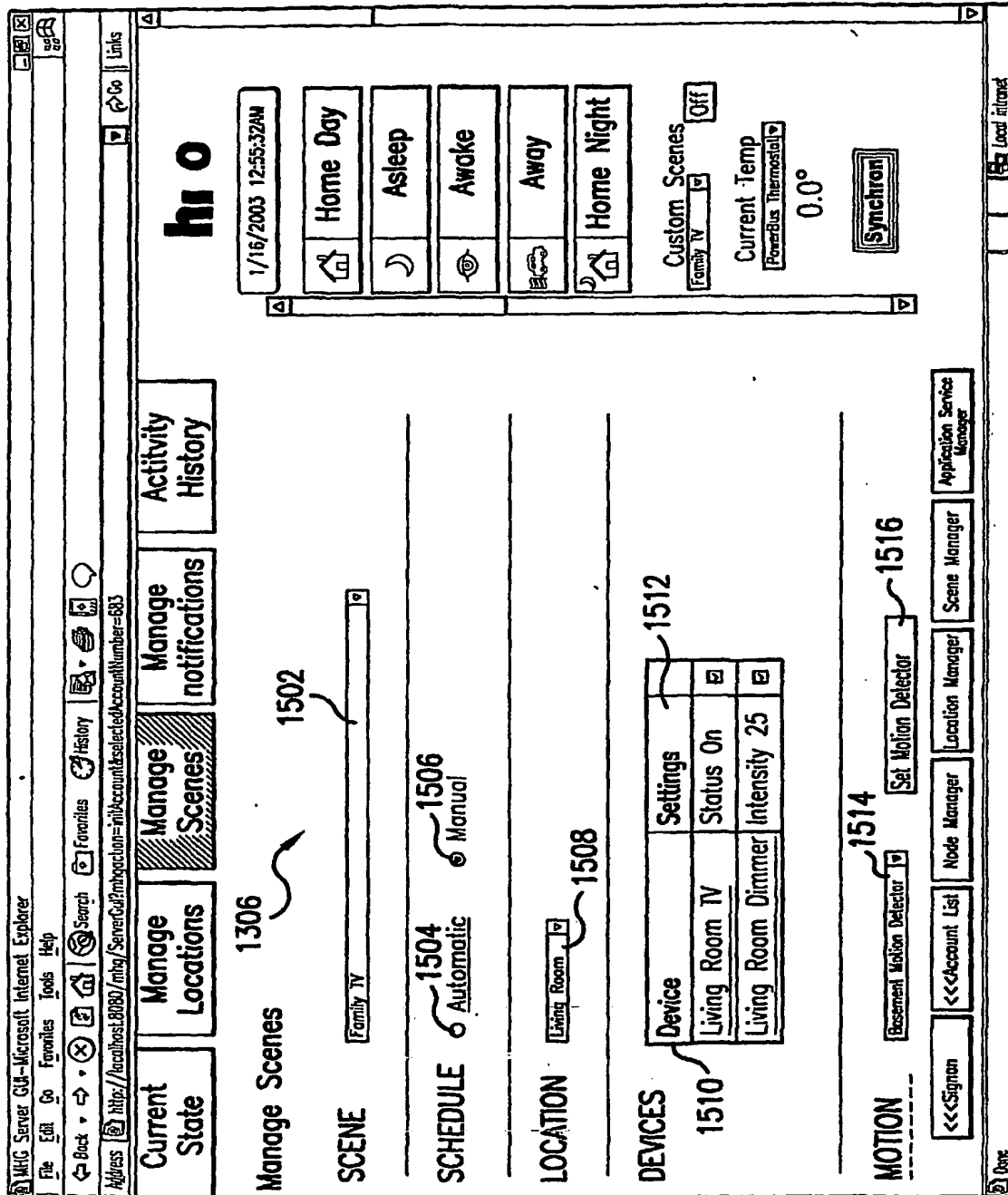


FIG. 15

16/26

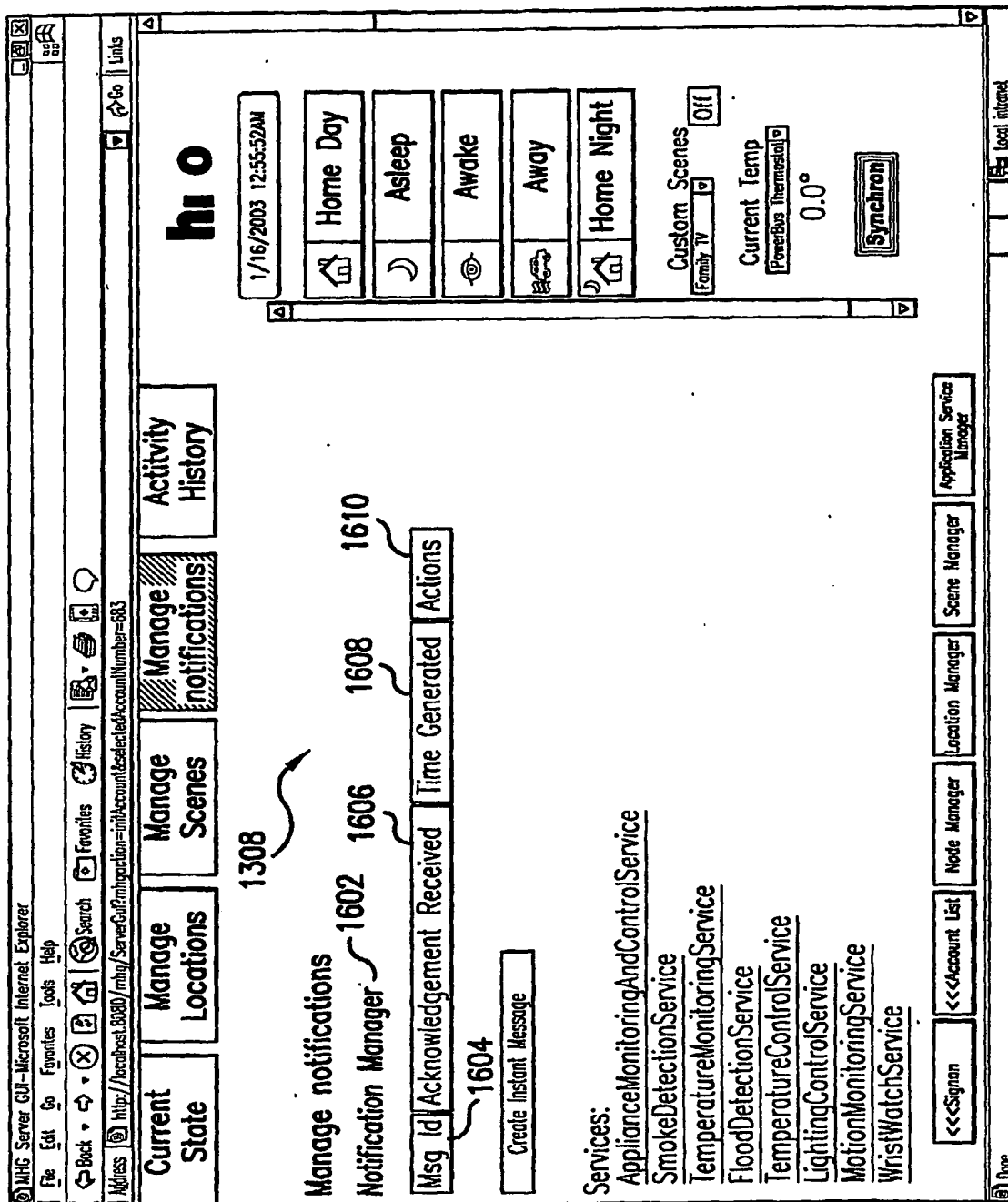


FIG.16

17/26

Microsoft Internet Explorer
File Edit Go Favorites Tools Help
Back Forward Stop Search Favorites History
Address http://localhost:8080/mbg/ServerGui?mbgaction=initAccount&selectedAccountNumber=683

Current State Manage Locations Manage Scenes Manage notifications Activity History

hi o

1/16/2003 12:56:10AM

Home Day Asleep Awake Away Home Night

Custom Scenes Family TV Off

Current Temp PowerBus Thermostat 0.0°

Synchron

Manage notifications 1702

Service Rules For TemperatureMonitoringService

Critical?	Interval (in minutes)	Type	Actions
<input type="radio"/> Yes <input checked="" type="radio"/> No	1706	Temperature low threshold breach for PowerBus Thermostat	Set Criteria 1710 Display Escalation List
<input type="radio"/> Yes <input checked="" type="radio"/> No	1708	Temperature high threshold breach for PowerBus Thermostat	Set Criteria 1712 Display Escalation List

Back to Notification Manager

<<<Signon <<<Account List Node Manager Location Manager Scene Manager Application Service Manager

Done Local Intranet

FIG.17

18/26

18/26

1/16/2003 12:56:29AM

Home Day

Asleep

Awake

Away

Home Night

Custom Scenes

Family TV

Off

Current Temp

PowerBus Thermostat

0.0°

Synchron

h n o

Current State

Manage Locations

Manage Scenes

Manage notifications

Activity History

Order Info Actions

1 Privileged Remove

The following table shows message delivery in order attempted:

Please select from the following list to add to the escalation list:

Parties

Info Actions

bsmith Add

Imundero2 Add

Groups

Info Actions

<<<Signon

<<<Account List

Node Manager

Location Manager

Scene Manager

Application Service Manager

Done

Local Internet

FIG.18

19/26

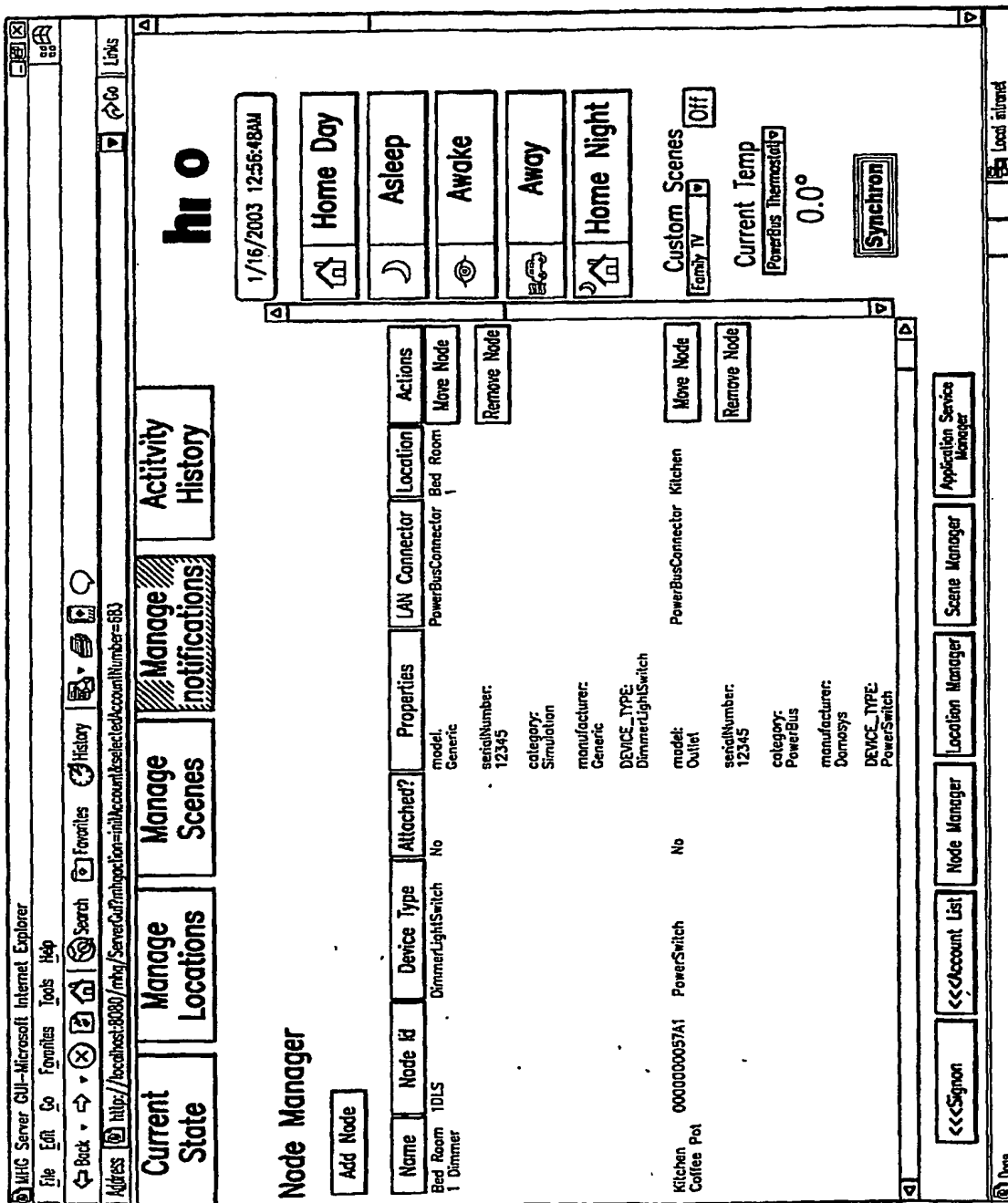


FIG.19

20/26

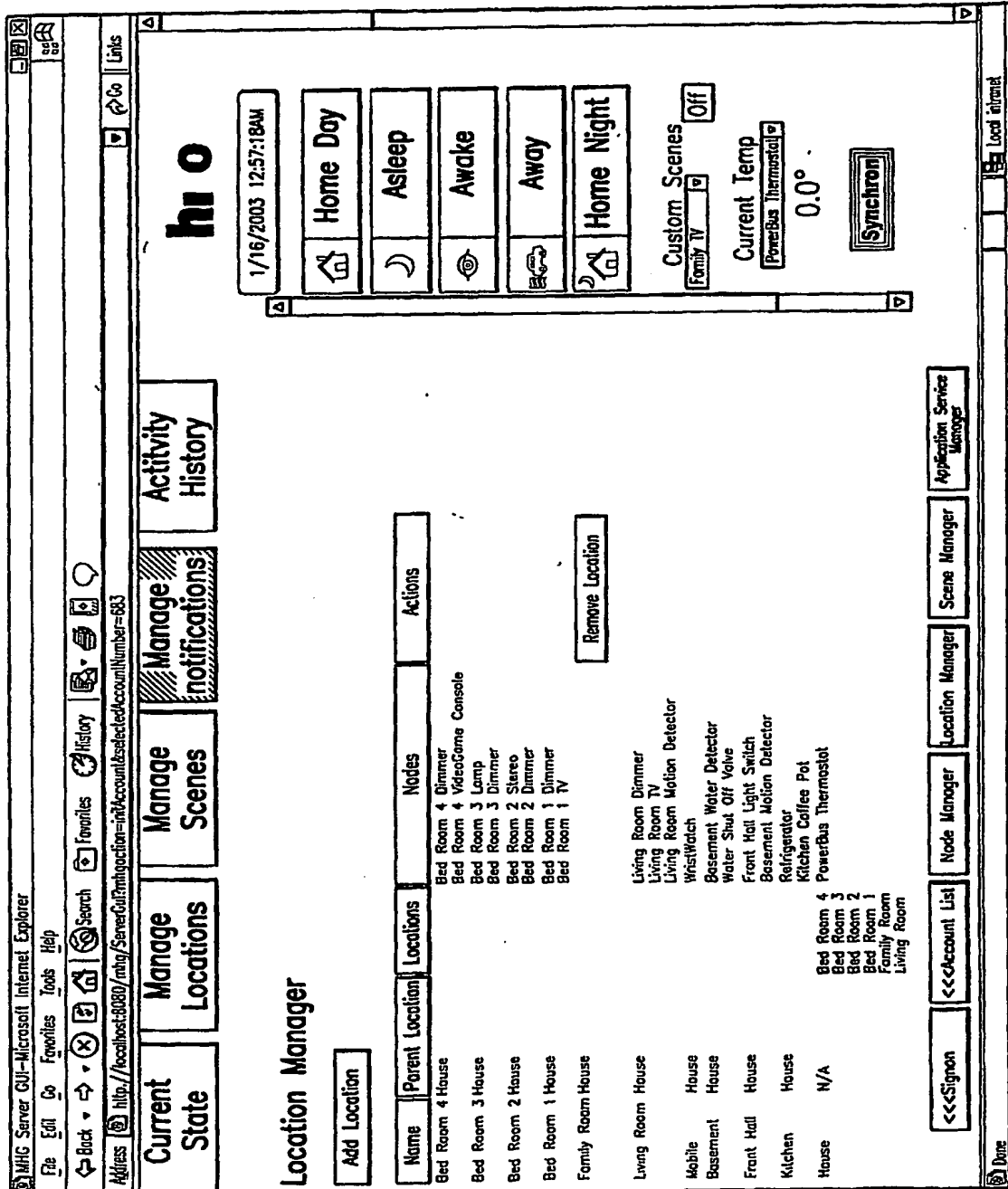


FIG.20

21/26

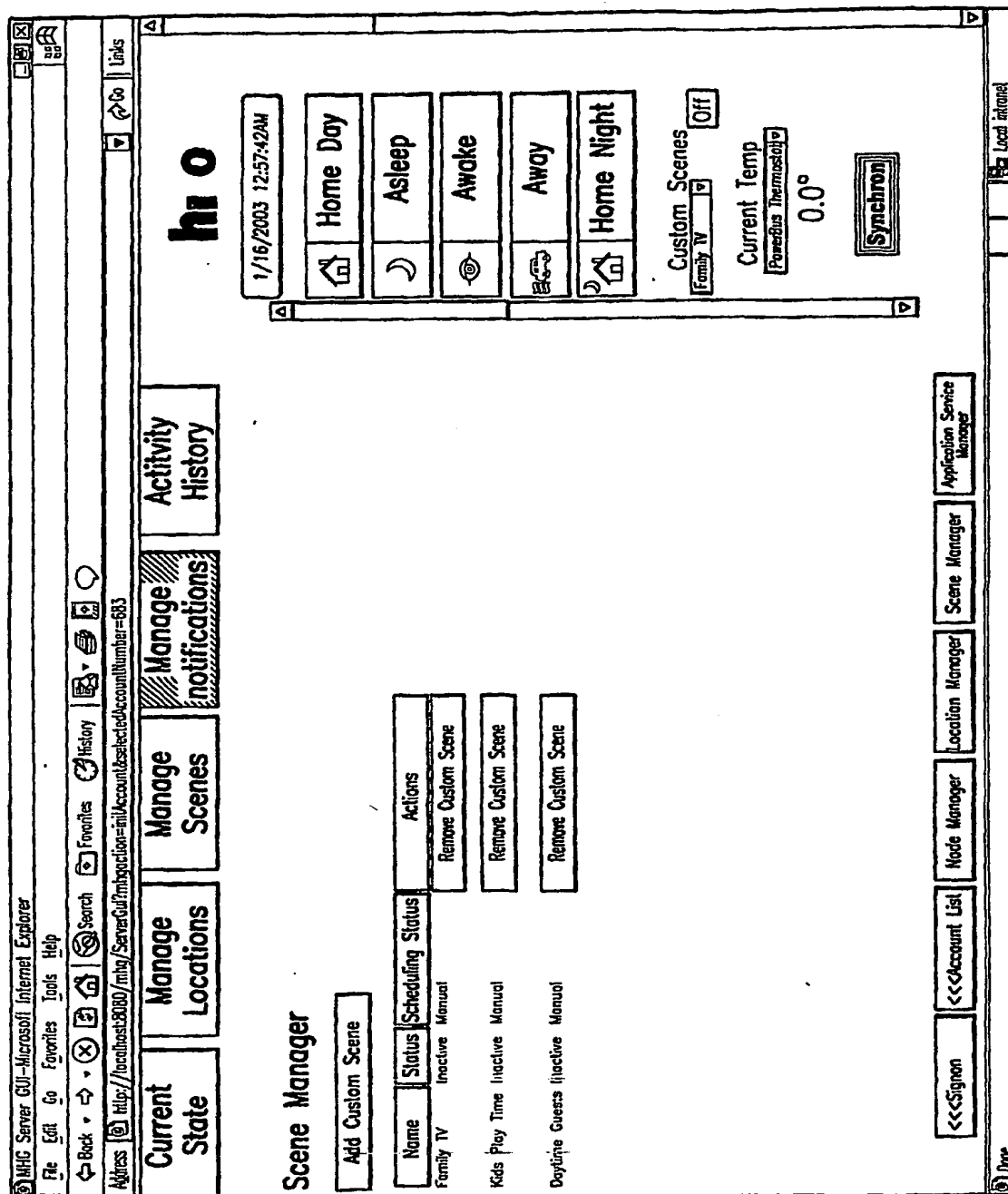


FIG. 21

22/26

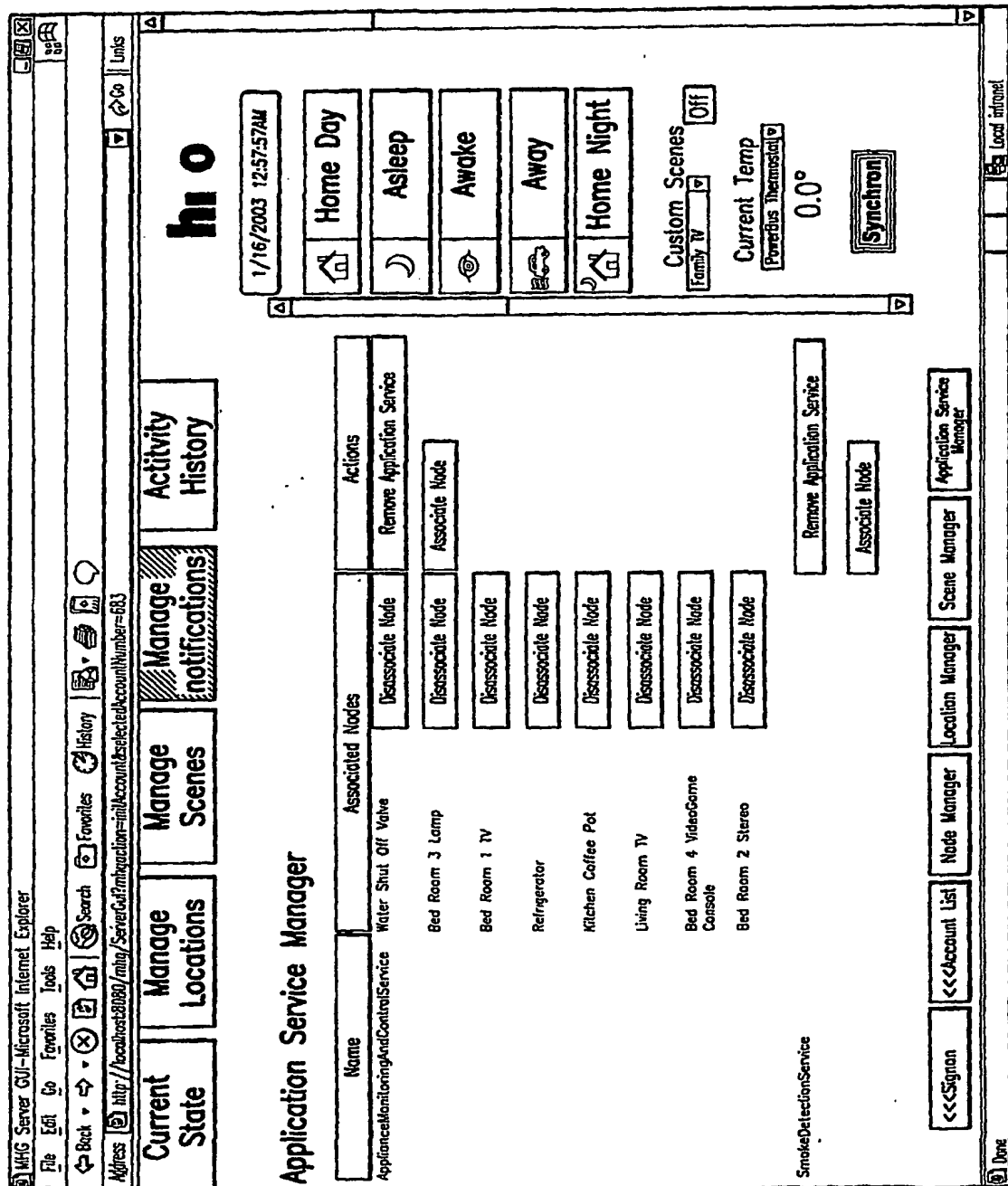


FIG.22

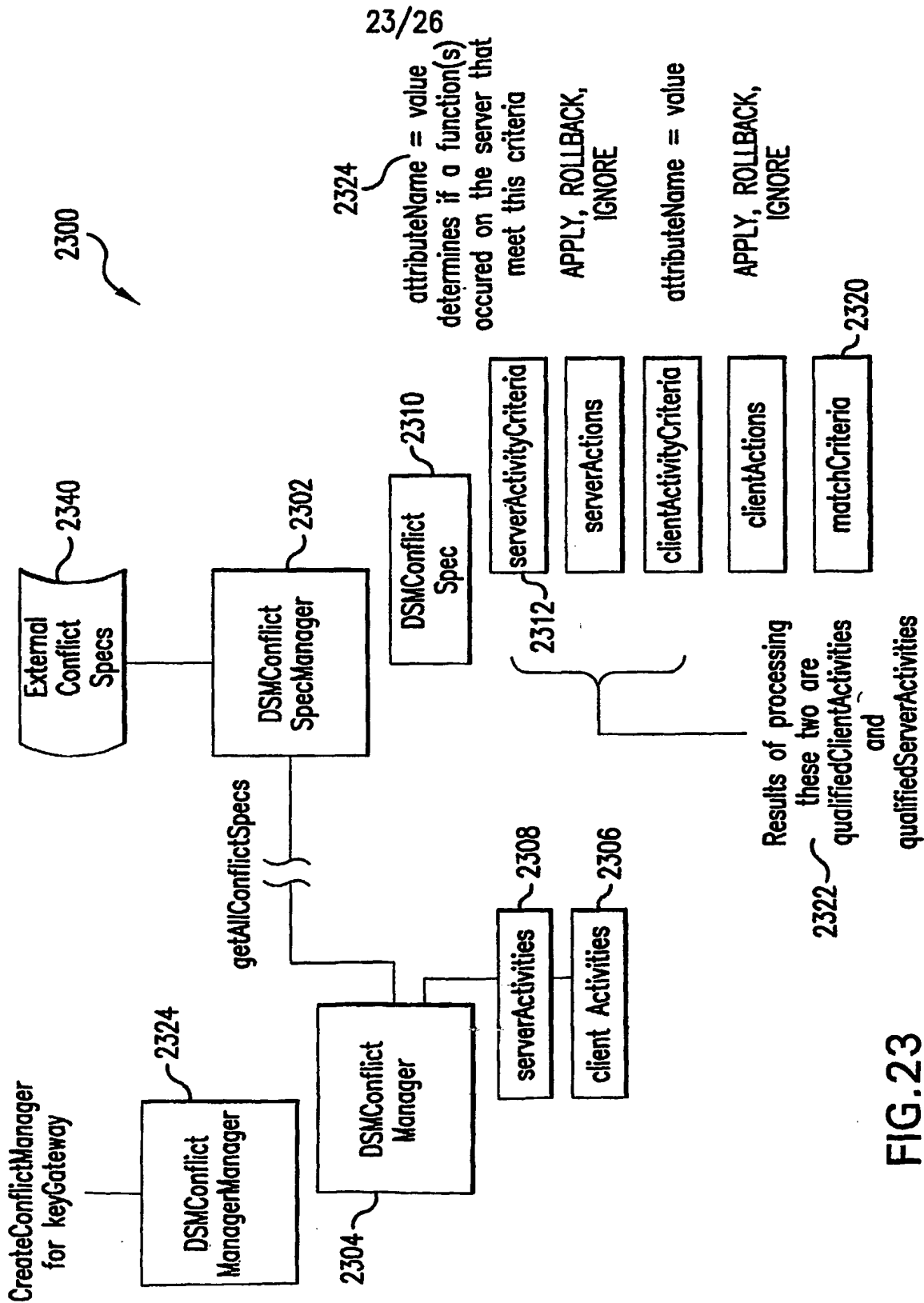


FIG. 23

24/26

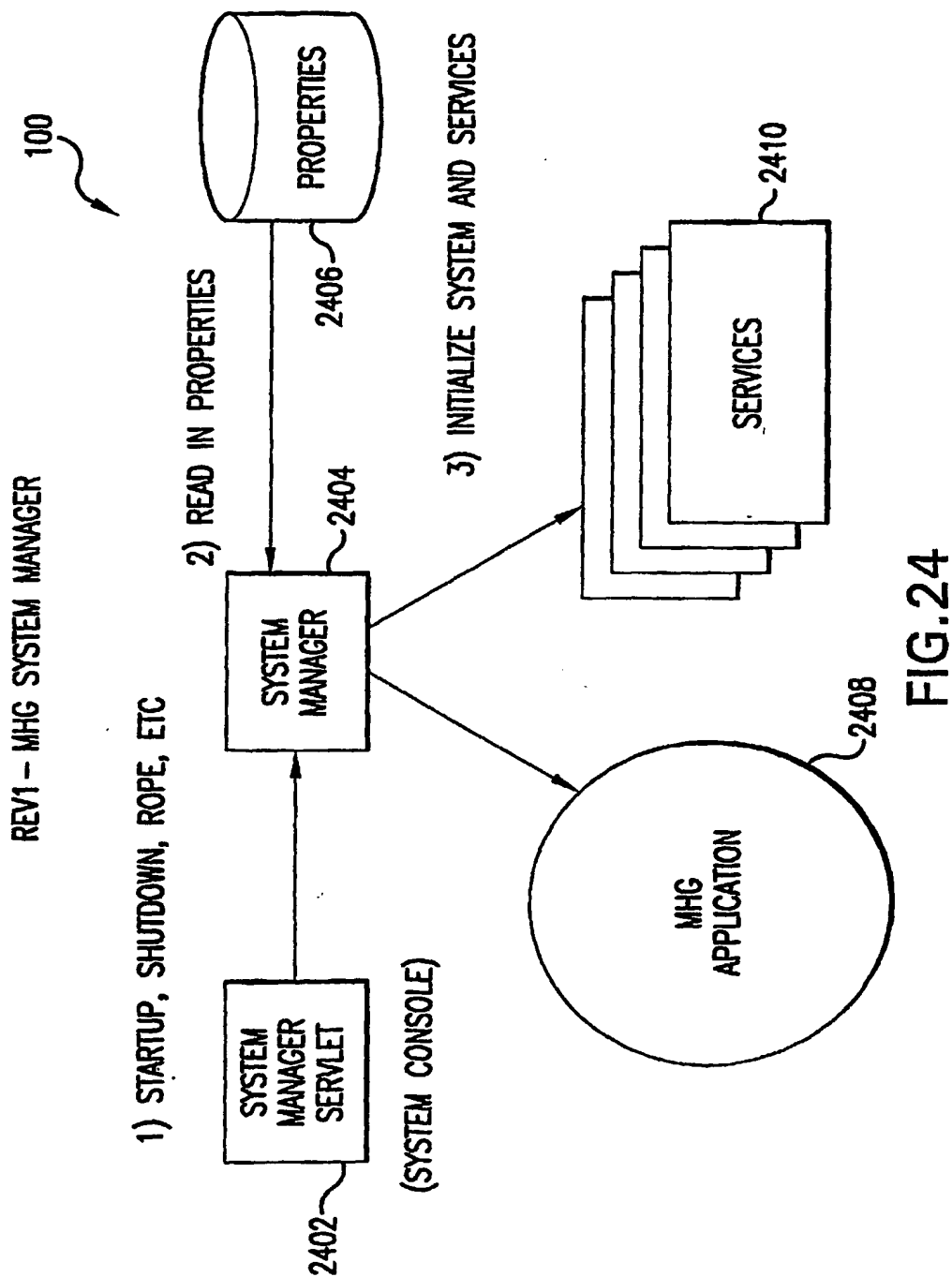


FIG.24

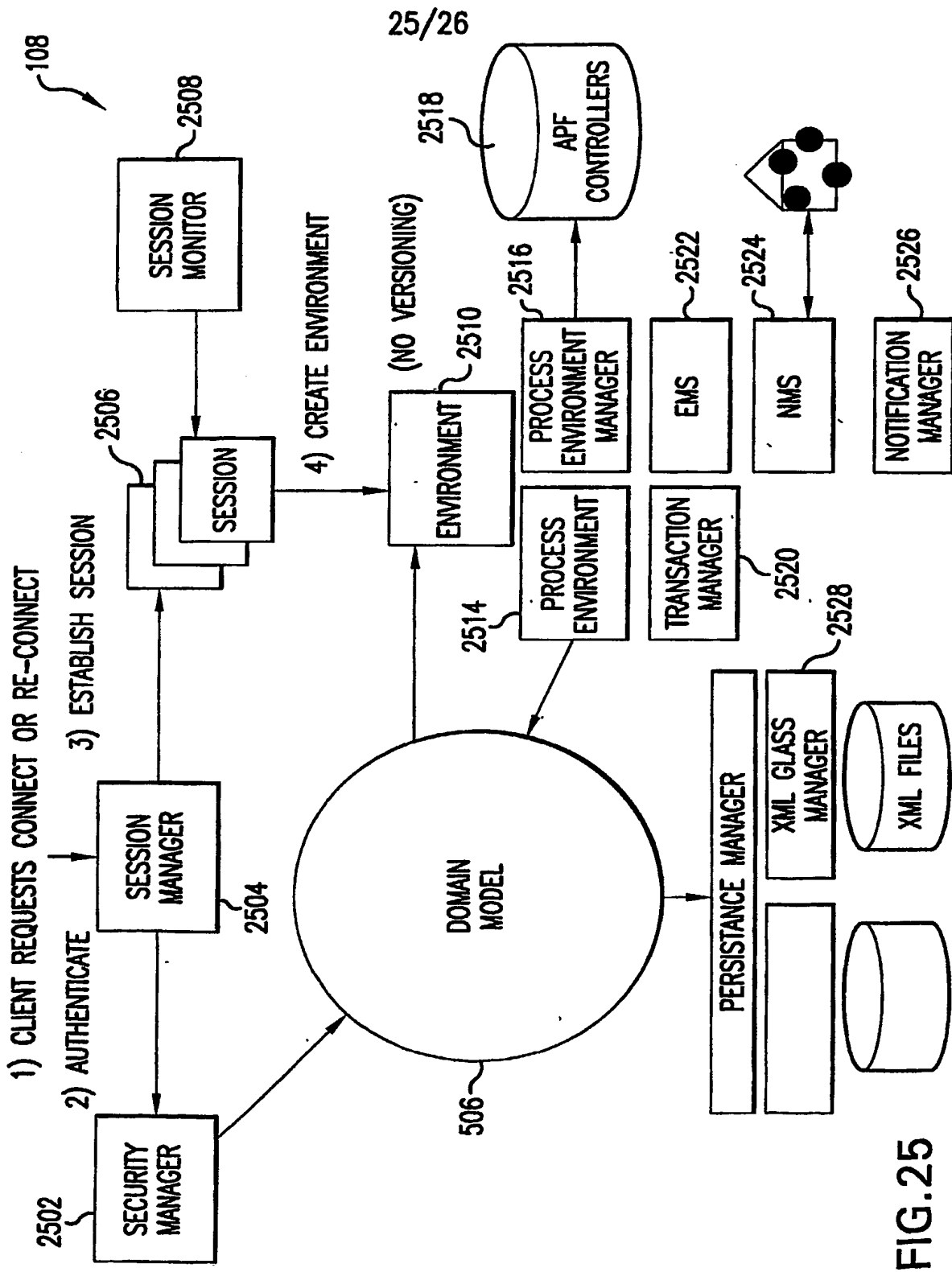


FIG. 25

26/26

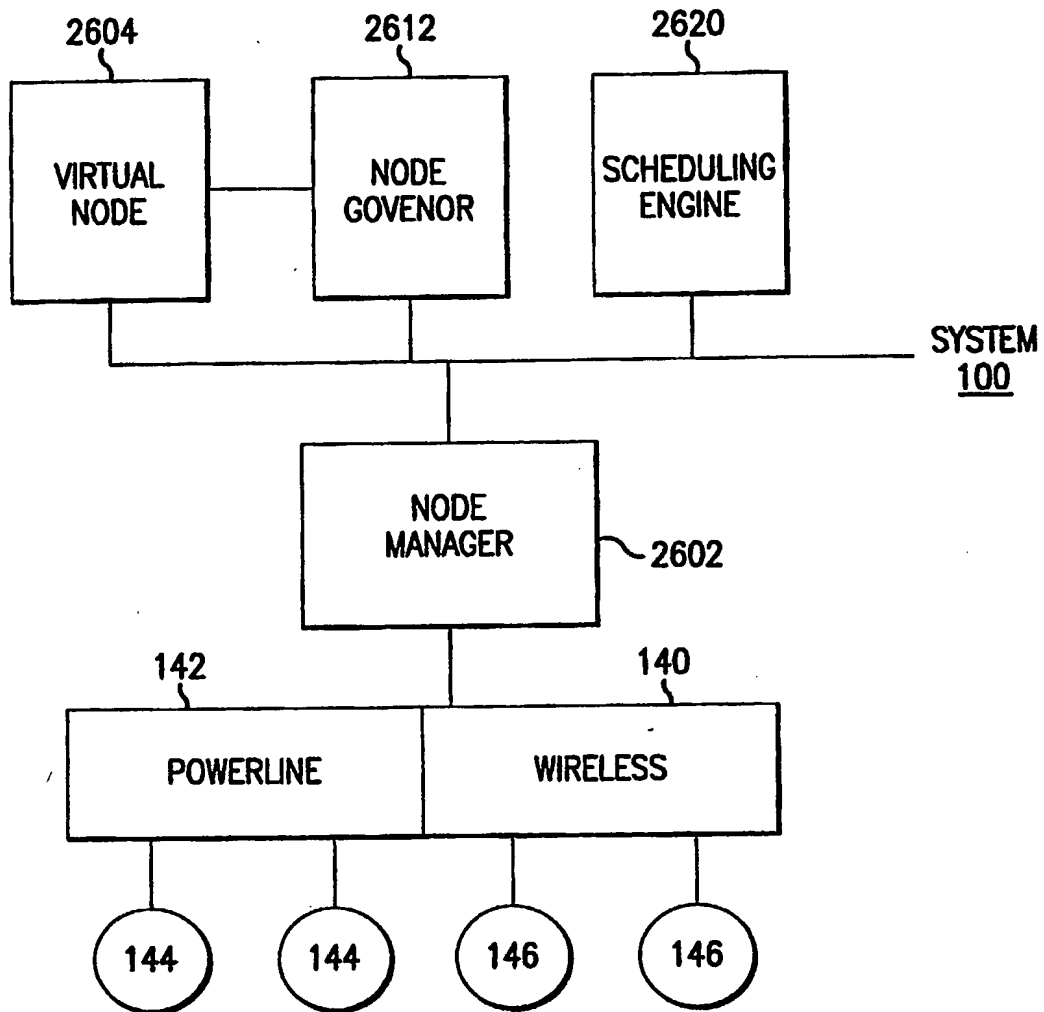


FIG.26